

University of Pennsylvania  
The Wharton School

# **Finance 101: Monetary Economics & the Global Economy Syllabus**

Professor André Kurmann

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## **Course Description**

Finance 101 is an intermediate-level course in macroeconomics, with a particular attention on monetary and international economics. The goal is to provide a coherent framework for analyzing macroeconomic events (e.g. recessions and booms) and macroeconomic policies (e.g. monetary and fiscal policy). We apply this framework to understanding consumer and firm behavior and their interaction with financial markets and the government.

The course is comprised of three major parts. The first part develops separately the foundations for goods, labor and capital markets. The second part combines these markets into a single framework to model simultaneously the entire economy. The framework will be used to study the behavior of macroeconomic aggregates in “general equilibrium”. In particular, we are interested in explaining (i) the business cycle fluctuations of GDP and its components, employment, inflation and interest rates; and (ii) long-run growth in both developed and emerging economies. The third part of the course focuses on monetary policy and examines the global economic system, including exchange rates, trade and international economic policy. In all parts of the course, the analysis will be applied to current economic events, both in the U.S. and abroad. Particular emphasis will be placed on the relation between macroeconomic events and financial markets.

## **Course Material**

### **Web Site:**

The class has a webCafé room that can be accessed through <https://webcafe.wharton.upenn.edu>. You need to have a Wharton account to enter the site. If you do not have a Wharton account, you can apply online at <http://accounts.wharton.upenn.edu>.

### **Textbook:**

The required text is Macroeconomics by Andrew Abel, Ben Bernanke, and Dean Croushore [ABC] (Addison-Wesley, 6<sup>th</sup> edition, 2008). The latest version of the text contains an update booklet. Both items are available for purchase at the Penn Bookstore.

### **Lecture Notes**

Most of the class will be taught with slides. These slides will be available on webCafé at least 24 hours before the class.

### **Other Material:**

A course pack with supplementary readings is available from Wharton Reprographics. All other course material (additional handouts, links to websites discussed in class, problem sets) will be posted on webCafé throughout the semester.

### **Economic News:**

Aside from the regular course material, students are expected to follow current economic events. While no subscription to any particular newspaper or journal is required, you should regularly read any of the following: *The Wall Street Journal*, *The Financial Times*, *The New York Times*, *The Economist*. All of these sources are accessible through the Penn library.

## **Grading**

The course grade is based on the following components: Examinations (75%), Problem Sets (15%), and a Global Analysis Project (10%).

### **Examinations:**

There will be two midterm examinations and a final examination. The midterms are scheduled as follows

- Midterm 1: Thursday, February 12, 2009; 6-8pm
- Midterm 2: Thursday, March 26, 2009; 6-8pm.

The final will be given during the final examination period as scheduled by the registrar.

All examinations are comprehensive and closed book except for a single 8.5" x 11" sheet of notes. Calculators are permitted, except cell phone calculators.

The final exam will be assigned twice the weight of the midterm exams, yielding effectively four exam grades. The total "examination grade" will be computed as the average of the best three out of these four grades. This formula provides a great deal of insurance against both scheduling conflicts (inability to attend a midterm) and anomalous performance (a bad day). As a result, no requests to reschedule or retake a midterm will be entertained unless specifically mandated by university policy. If you miss one midterm for any reason whatsoever, you can simply use your insurance policy and drop that exam. The final exam, in turn, can be rescheduled only if required by university policy, and only during the official make-up period. Any request for make-up exams as well as notification of disability accommodations

must be received at least one week before the final exam (in case of serious illness on the day of the final exam, you must notify me before the exam begins and provide an official doctor's note as soon as possible afterwards).

Regrade requests must be submitted using the official *Regrade Request* form (which will be posted on webCafé) and must be accompanied by your exam copy and a *Statement of Honesty in Regrade Request*. Requests must be submitted within a week from the date the examination is returned (whether or not you actually pick up the exam on that date). For any request, the entire exam will be automatically regraded. Any alteration of the exam is therefore strictly forbidden and will be considered as a violation to the Code of Academic Integrity.

### **Problem Sets:**

There will be several graded problem sets and case studies. These will not be accepted late and no regrade requests will be entertained. Unless explicitly noted otherwise, you must complete the assignment individually (without copying from anyone else), and you must submit the solution using the Assignment folder of webCafé.

### **International Analysis Project:**

This is a group assignment designed to promote team work. Each group will give an in-class presentation applying the course material to analyze the macroeconomic situation of a foreign country. All members of a group will receive the same grade, independent of individual performance. Specific details on the project will be provided in class.

### **Academic Integrity**

All relevant University policies regarding Academic Integrity must be followed strictly. Please consult the Code of Academic Integrity for details: <http://www.vpul.upenn.edu/osl/acadint.html>

### **Office Hours**

Office hours will be announced in class and posted on webCafé. We prefer to meet at these times. In case you cannot make it to any of the office hours, you may make a personal appointment by email.

### **Contact**

Most information, including frequently asked questions and interactive discussions of different topics are posted on webCafé. For additional information, I can be reached as follows:

- Email: kurmann@wharton.upenn.edu
- Office: 2432 SH-DH
- Phone: 215-898-1697

## Preliminary Outline

This outline is subject to change, as announced in class and posted on webCafé.

### 0. Introduction:

1. Macroeconomics and the Global Economy: ABC Ch. 1
2. Macroeconomic Indicators and Asset Prices: ABC Ch. 2, Ch. 8.1-8.3

### 1. The Central Economic Markets

1. Production and Productivity: ABC Ch. 3
2. Labor demand and Labor supply: ABC Ch. 3
3. Consumption, Savings and Investment: ABC Ch. 4
4. International Capital Markets: ABC Ch. 5
5. Money, Prices and Asset Markets: ABC Ch. 7

### 2. The Aggregate Economy

1. The IS-LM / AS-AD general framework: ABC Ch. 9
2. The Classical Model of Business Cycles: ABC Ch. 10
3. The Keynesian Model of Business Cycles: ABC Ch. 11
4. Unemployment and Inflation: ABC Ch. 12

### 3. International Macroeconomics and Macroeconomic Policies

1. Monetary Policy and the Federal Reserve System: ABC Ch. 14
2. The Term Structure of Interest Rates: ABC Ch. 14
3. Exchange Rates and Macroeconomic Policy in the Open Economy: ABC Ch.13
4. Economic Growth: ABC Ch. 6
5. Fiscal Policy: ABC Ch. 15